



Realtime Control 4.0: How AI supports Process Control

Atlanta, GA – Koh Young, the industry leader in True3D™ measurement-based inspection solutions, will host an English webinar to shed light on the possibilities of using Artificial Intelligence (AI) in a surface mount electronics assembly line using the automated measurements systems as an example. The webinar delivered by Axel Lindloff of Koh Young Europe is scheduled for 03 November 2021 beginning at 11:00am CET (Central European Time). Registration to view the live webinar or watch the recording at a later date is required at https://epp-europe-news.com/firmenverzeichnis/kohyoung-europe/2866/?src=R1_img4&utm_medium=email&utm_source=konradin&utm_term=konradin&utm_content=Real-time+control+4.0++How+AI+supports+process+control&utm_campaign=EPP+Newsletter#registerform.

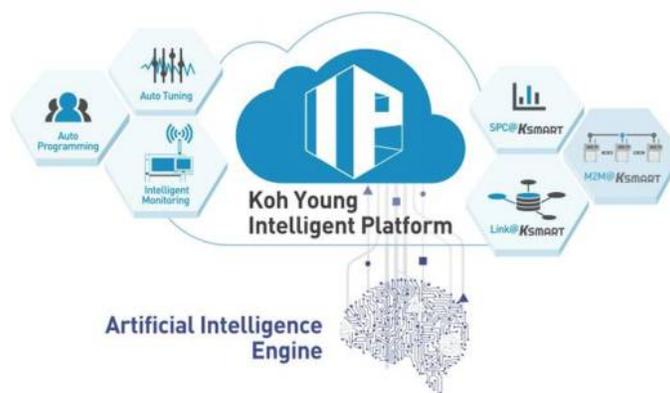
AI has long surrounded us in all areas of life, but we no longer perceive it as such. Speech recognition, spelling check, search filters, and personalized ads are self-evident functions for us. In truth, they are AI examples. An AI simulates human behavior and decisions using a variety of strategies. It is only logical to use these useful tools in the production environment and to turn the spell check into a process parameter check.

In electronics production, the structures and components are becoming smaller, and the processes are more complex. At the same time, manufacturers are striving for fully automated, unattended production. The goals have long been set and the roadmaps have been created. Soon, electronics production may be a deserted place.

Using AI, manufacturers can increase process requirements and complete automation. AI was conceived to simulate human behavior and decisions. In the past, it required super computers, but today the available computing power and intelligent application strategies give us new possibilities to use AI in the manufacturing process. Whereas some people make quick decisions based on gut-feelings and past experiences, the AI decision is based on hard facts and measured values. AI can mimic the human decision process in seconds, while considering large data piles.

The webinar will explore the possible benefits and advantages of applying AI in an SMT line. A self-sufficient AI analyses can collect measurement data and account for production parameters to independently execute process optimization. AI algorithms can further help by differentiating between components and designs for faster program creation. It is even capable of self-learning defect detection.

If you cannot attend during the webinar, it will be available to those how registered. If you would like to learn more, visit Koh Young Europe at Productronica in Hall A2.377 during 16-19 November 2021 at Messe München in Germany. If you cannot attend, you can still learn more about our best-in-class inspection solutions at www.kohyoung.com.





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About Koh Young Technology, Inc.

Established in 2002, Koh Young pioneered the market by launching the first 3D Solder Paste Inspection (SPI) system using a patented dual-projection Moiré technology. Since then, it has become the global leader in 3D measurement-based SPI and Automated Optical Inspection (AOI) equipment for the electronics industry. Based on its True3D™ measurement-based inspection technology, Koh Young has developed innovative solutions for challenges with Machining Optical Inspection (MOI), Dispensing Process Inspection (DPI), and Semiconductor Packaging Inspection (MEISTER Series). Through its technology innovations, Koh Young has secured thousands of global customers, and maintains the largest global market share in the SPI and AOI markets. Additionally, by adopting its user-centric R&D activities, it continues to leverage core competencies and develop innovative solutions for new and existing markets. Its activities stem from the corporate headquarters in Korea to its global sales and support offices in Europe, Asia, and the Americas. These local facilities ensure it keeps in close contact with the market, and more importantly, its growing customer base to provide access to an award-winning network of inspection and measurement experts. Learn why so many manufacturers trust Koh Young for reliable inspection at kohyoung.com.

For More Information

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